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## SAFETY DATA SHEET

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: DIPROPYLENE GLYCOL
- Datasheet Number: DIPROPYLENE GLYCOL
- Chemical Name: DIPROPYLENE GLYCOL
- Synonyms: Oxydipropanol propanol|Oxybispropanol
- REACH Registration No.: 01-2119456811-38-XXXX
- CAS No.: 25265-71-8
- EC No.: 246-770-3

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses - Humectant and solvent in Fragrances, Cosmetics, Personal Care - Lubricants - Agrochemicals - Coatings - Manufacture and Formulation - Laboratory chemical and Industrial Use.

Not recommended where human eye exposure is possible such as theatrical mists and antifreeze solutions for eyewash stations.

#### 1.3 Details of the supplier of the safety data sheet

- Craftovator Limited
- FLEETWOOD HOUSE, 1 Albion Cl,  
Slough
- SL2 5DT
- Phone: +44 (0)1753 267895
- Email [info@craftovator.co.uk](mailto:info@craftovator.co.uk)

- #### 1.4 Emergency telephone number
- Office hours: +44 (0)1753 267895
  - After Hours Mobile: +44 (0)1753 267895

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- The product is not classified as hazardous according to directive 1999/45/EEC

#### 2.2 Label elements

- None
- Hazard statements  
Not classified
- Precautionary statements  
Do not get in eyes, on skin, or on clothing.  
Do not eat, drink or smoke when using this product.
- Risk Phrases

**SECTION 2: Hazards identification (....)**

Not applicable

- Safety Phrases  
After contact with skin, wash immediately with plenty of soap and water  
Avoid contact with skin and eyes

## 2.3 Other hazards

- Mildly irritating to eyes
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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- DIPROPYLENE GLYCOL  
Concentration: >98%  
CAS Number: 25265-71-8  
EC Number: 246-770-3  
H Statements:  
Symbols:
- 

**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- If substance has got into eyes, immediately wash out with plenty of water
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- Mildly irritating to skin and eyes
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.

## 4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to skin and eyes

## 4.3 Indication of any immediate medical attention and special treatment needed

None known

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**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Unsuitable extinguishing media - High Volume Water Jet

## 5.2 Special hazards arising from the substance or mixture

- Vapours may ignite

## 5.3 Advice for firefighters

- If exposed to fire toxic gasses may be formed
  - Wear full protective clothing including chemical protection suit
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**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

**SECTION 6: Accidental release measures (....)**

- Wear protective clothing.

## 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

## 6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Collect as much as possible in clean container for reuse or disposal
- Wash thoroughly after dealing with spillage

## 6.4 Reference to other sections

- See Section 7 for information on safe handling.
  - See Section 8 for information on personal protective equipment.
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- Keep away from heat and sources of ignition

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidising substances
- Keep away from strong acids
- Keep cool. Protect from sunlight.

## 7.3 Specific end use(s)

- See Section 1
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- DNEL (dermal): 84 mg/kg
- DNEL (inhalational): 238 mg/m<sup>3</sup>
- Note - DNEL values are for Workers only not consumers
- PNEC 0.1 mg/l freshwater
- PNEC 0.01 mg/l seawater
- PNEC 0.238 mg/kg freshwater

## 8.2 Exposure controls

- No special precautions are required for this product but if vapour levels exceed the WEL respiratory protection will be required.
- Chemical gloves, goggles and appropriate skin protection should be worn when handling

## 8.3 Occupational exposure controls

- Wear suitable protective clothing
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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Odour: Slight smell of alcohol
  - Appearance: Clear Liquid
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**SECTION 9: Physical and chemical properties (....)**

- Boiling point 227 °C at 760 mm /Hg
- Vapour pressure 0.0013 hPa at 25 deg C
- Vapour density (air = 1): 4.6
- Melting point < minus 20 °C
- Completely soluble in water
- Relative Density 1.02 at 20°C
- Flash point 130 deg C
- Auto-ignition temperature 332 deg C
- Partition coefficient : n-Octanol/water 0.462
- Viscosity 118 centistokes at 20 deg C

9.2 Other information

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**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

- Stable under normal temperature conditions and recommended use

## 10.2 Chemical stability

- Stable at normal temperature conditions and recommended use.
- Hygroscopic

## 10.3 Possibility of hazardous reactions

- This material is not hazardous

## 10.4 Conditions to avoid

- Avoid contact with oxidising substances
- Avoid contact with strong acids

## 10.5 Incompatible materials

- Incompatible with strong oxidizing substances

## 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- LD50 (oral,rat): >5000 mg/kg
- LD50 (skin,rabbit): >5010 mg/kg
- LC50 (inhalation,rat): 2.34 mg/l/4h
- Not hazardous
  
- Inhalation  
Not hazardous
  
- Contact with skin  
Not hazardous
  
- Contact with eyes  
May cause irritation
  
- Ingestion  
Not hazardous

**SECTION 11: Toxicological information (....)**

- Carcinogenicity  
No evidence of carcinogenic effects
  - Teratogenicity  
No evidence of reproductive effects
  - Mutagenicity  
No evidence of mutagenic effects  
No evidence of reproductive effects
- 

**SECTION 12: Ecological information**

## 12.1 Toxicity

- LC50 (fish): >1000 mg/l (96 hr)
- EC50 (Daphnia magna): >100 mg/l (48 hr)
- IC50 (algae): >100 mg/l (72 hr)

## 12.2 Persistence and degradability

- Readily biodegradable

## 12.3 Bioaccumulative potential

- Low bioaccumulation potential

## 12.4 Mobility in soil

- Completely soluble in water

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Incineration by an approved method could be considered
  - To be disposed of as hazardous waste
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**SECTION 14: Transport information**

## 14.1 UN number

## 14.2 UN proper shipping name

## 14.3 Transport hazard class(es)

## 14.4 Packing group

## 14.5 Environmental hazards

## 14.6 Special precautions for user

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

14.8 Emergency Action Code

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**SECTION 14: Transport information (....)**

- Proper Shipping Name:
- EAC:

## 14.9 Road/Rail (ADR/RID)

- Proper Shipping Name:
- ADR UN No.:
- ADR Hazard Class:
- ADR Item No.:
- ADR/RID No.:
- Tremcard:
- Tunnel Code:

## 14.10 Sea (IMDG)

- Proper Shipping Name:
- IMDG UN No.:
- IMDG Hazard Class:
- IMDG Page No.:
- IMDG Pack Group.:
- IMDG EmS:
- IMDG MFAG:

## 14.11 Air (ICAO/IATA)

- Proper Shipping Name:
- ICAO UN No.:
- ICAO Hazard Class:
- ICAO Packing Group:

## 14.12 DOT / CFR (US Department of Transportation)

- DOT Proper Shipping Name:
  - Hazardous Material:
  - Hazard Class:
  - Identification Number:
  - Product RQ (lbs):
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**SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not hazardous according to current ADR Regulations

## 15.2 Chemical safety assessment

A chemical safety assessment has been carried out.

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**SECTION 16: Other information**

DISCLAIMER This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information

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**SECTION 16: Other information (....)**

for his own particular use.

--- end of safety datasheet ---

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